01/01/1995 00:01

9035/ 181

ARCHER & ASSOF TES

PAGE 02

02/08/02 FRI 13:01 PAX 719 534 2024

WORLDOOM INC

Patent Docket No... RIC00007

RECEIVED
CENTRAL FAX CENTER

JUN 2 3 2008

DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

As a bellow named inventor, I hereby declare that:

My residence, mailing address and cirizenship are at stated below next to my name,

I believe Lam the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent & sought on the inventor entitled:

COMMUNICATION SYSTEMS AND QSIG COMMUNICATIONS METHODS

the	spozification	φf	which
-----	---------------	----	-------

is anached hereto is anached hereto in November 27, 2001 as United States Application Number 09/995,149 or PCT toternational Application Number and was amended on .

I hereby state that I have reviewed and understand the contems of the above. including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is muteral to parentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national application of PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 (a)-(d) of § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any identified below, by checking the box, any foreign application for patent or inventor's certificate, or any identified below, by checking the box, any foreign application of the application on which priority is pCT international application having a filing date before that of the application on which priority is claimed.

	Priority Claimed		
Application(5)	yes no		
(country)	(date filed)	·	
(qountry)	(quie files)	уек по	
		(country) (date filed)	

200

01/01/1995 00:01

903SE

ARCHER & ASSOC'

PAGE 03

02/08/02 FRI 13:02 FAX 719 534 2024

WONLDCOM INC

Patent Docket No.: RIC60007

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed belaw.

(Application Number(s))

(Inline Date Immobility)

I hereby appoint practitioners at Customer No. 25537 which include: Steven McCann. Reg. No. 34,958; Paul A. Roberta, Reg. No. 40, 289; Michael B. Chernoff, Reg. No. 42,408; Sureah Koshy, Reg. No. 42,761; Brisn C. Oakes, Reg. No. 41,467; Stephen A. Zemanick, Reg. 48,724, my stromeys; and, Frank A. McKiel, Reg. No. 43,792, my patent agent with full power of substitution and respection, to prosecute this application and to transact all business in the United States Patent and Trudemark Office connected therewift.

I also hereby appoint as my attorney/agent:

Send correspondence to: Customer Number: 25537



Technology Law Department 1133 190 ST, NW Washington, DC 20036 Direct Telephone Calls To: (202) 736 5604

I hereby declare that all statements made herein of my knowledge are true and that all statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon

Full reame of Sole or First Inventor: Jarrett E. Archer

Residence Address:

Celeste, TX, USA

Mailing Address:

4989 County Road 1096, Celeste, TX, 75424, USA

USA

Citizenship: Signaturo:

Joseph A. Scivicque

Full pame of Additional Joint Inventor, if any:

Wylie, TX, USA

9402 Wells Road, Wylic, 1X, 75098, USA

Mailing Address: Citizenship;

Residence Address:

Signature:

Full name of Additional Joint Inventor, if any:

Frederick A Sheronan

Residence Address:

Mesquite, TX, USA

2429 Bent Brook Orive, Mesquite, TX, 75181, USA

Malling Address:

Citizenship: Signature: _

JUN-23-2008 11:18 HARRITY SNYDER, LLP

571 432 0808

P.004

01/01/1995 00:01

90350

ARCHER & ASSOC

PAGE 04

02/08/02 FRI 13:03 FAX 719 534 2024

WORLDCOM INC

Patent Docker No.: RIC00007

Full name of Additional Joint Inventor, if any:

Heath W. Hendrickson

Residence Address:

Murphy, TX, USA 456 Parkshire Drive, Murphy, 75094, USA

Signature:

ÜSA

Mailing Address: Citizenship:

Date:

571 432 0808

P.005

02/08/2002 15:11 9727 311

02/08/02 FRI 14:05 FAX 716: , 2024

QWEST RICHARDY

WORLDOOM INC

AGE 02

Patent Docket No: RIC00007

RECEIVED CENTRAL FAX CENTER

JUN 2 3 2008

DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, mailing address and chiexaship are as stated below next to cry name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural negrots are listed below) of the subject matter which is clasmed and for which a patent is sought on the invention entitled:

COMMUNICATION SYSTEMS AND QSIG COMMUNICATIONS METHODS

are specification of Autop	
is attached hereto was filed on November 27, 2001 as United States Application Number 09/995,149 or PCT international Application Number and was amended on .	, c

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I scknowledge the duty to disclose information which is traterial to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national application or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is

Prior Foreign Application(s)			Priority Claimed		
(number)	(country)	(dute tiled)	yes	. مم	
		•			
(number)	(consta)	(date filed)	ንመ	DO	

02/08/2002 15:11

311

GWEST RICHARD

PAGE 03

02/08/02 FRI 14:06 FAX 719 . . Z024

WORLDCON INC

@ 003

P.006

Patont Docket No.: RIC00067

I hereby claim the heavily under 35 U.S.C. § 119(e) of any United States provisional application(s) listed (Application Number(s)) (Filting Date mestadyy) I hereby appoint practitioners at Customer No. 25537 which include: Steven McCann, Roy. No. 34,958; Psul A. Roberts, Reg. No. 40,289; Michael B. Chernoff, Rag. No. 42,408; Suresh Koshy, Reg. No. 42,761; Brian C. Oakos, Reg. No. 41,467; Stephen A. Zemanick, Reg. 48,724, my attorneys; and, Frank A. McKiel. Rog. No. 43,79%, my percent agent with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office composted I also hereby appoint as my attorney/agent: Send correspondence to: Customer Number: 25537 WORLDCOM, Inc. Technology Law Department Direct Telephone Calls To: 1133 19th ST, NW (202) 736-6604 WASHINGTON, DC 20036 I hoseby declare that all statements made herein of my knowledge are true and that all statements were made with the knowledge that willful false statements and the file so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 100) and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of Sole or First Inventor: Jarrett E. Archer Residence Address: Celeste, TX, USA Mailing Address: 4989 County Road 1096, Coleste, TX, 75423, USA Clascospip. USA Signature: Full name of Additional Joint Inventor, if any: Residence Address: Joseph A. Scivicque Wylie, TX, USA Mailing Address: 9402 Wells Road, Wylie, TX, 75098, USA Citizenship: Signanzo Full name of Additional Joint Inventor, if any: Frederick A. Sherman Residence Address: Mesquire, TX, USA Mailing Address: 2429 Heat Brook Drive, Mesquite, TX, 75181, USA Citizenship: USA Signaturo: _

02/08/2002 16:11 911 02/08/02 FRE 14:07 FAX 71# . - 2024

GWEST RICHARD

WORLDCOM INC

84 PAGE @004

Patent Docket No.: R3C60607

Full name of Additional Joint Inventor, if any:

Murphy, TX, USA

456 Parkshire Drive, Murphy, 75094, USA

Mailing Address: Citizenship:

Signature:

Residence Address:

ŲSA

Dare

Heath W. Hendrickson

RECEIVED CENTRAL FAX CENTER

JUN 2 3 2008

DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

		men carridg.			
•	COMMUNICAT	ion systems and QS	IG COMMUNICATION	IS METHO	DS
the specific	ation of which				
was file	ned hereto d on November 2' al Application Nu	7, 2001 as United States A mber and was amended on	pplication Number 09/995	,149 or PC	r -
I hereby sta including th	te that I have revi	ewed and understand the equided by any amendment ref	natents of the above-identi	fied specifi	cation,
between the	исину тог соприя	close information which is tion-in-part applications, m prior application and the m plication.	aterial information which	Lagrance	- 21 - 1 - 1 -
application(designated a identified be	s) for patent of inv at least one country clow, by checking	benefits under 35 U.S.C. ventor's certificate, or § 36; y other than the United Stat the box, any foreign applic having a filing date before	5(a) of any PCT internation as of America, listed beloeation for patent or inventor	nal applicate	also
Prior Foreig	n Application(s)		Priority Cla	imed	•
number)	(country)	(date filed)	yes	ДО .	•
number)	(country)	(वंबाट शिल्व)	yes	ю	

I hereby claim the bene- below.	fit under 35 U.S.C. § 119(e) of any United States provisional applicat	ion(s) listed
(Application Number(s))	(Filing Date mm/dd/yy)	
Paul A. Roberts, Reg. 1 Brian C. Oakes, Reg. N Reg. No. 43,792, my pa	tioners at Customer No. 25537 which include: Steven McCann, Reg. 1 No. 40,289; Michael B. Chernoff, Reg. No. 42,408; Suresh Koshy, Reg. 10. 41,467; Stephen A. Zemanick, Reg. 48,724, my attorneys; and, Fractent agent with full power of substitution and revocation, to prosecut act all business in the United States Patent and Trademark Office con	g:-No. 42,76 nk A. McKi this
I also hereby appoint as	s my attorney/agent:	······································
Send correspondence to Customer Number: 255	o:	
Customer Number: 255	37	
	•	ند
2 5 5 3 7		
WORLDCOM, Inc.	Direct Telephone Calls To:	
Technology Law Depar	tment (202) 736-6604	
1133 19th ST, NW	2002	
WASHINGTON, DC	20036	
made with the knowled imprisonment, or both, validity of the application Full name of Sole or Fin Residence Address:	statements made herein of my knowledge are true and that all statements got that willful false statements and the like so made are punishable by under 18 U.S.C. § 1001 and that such willful false statements may joo on or any patent issued thereon. "st Inventor: Jarrett E. Archer Celeste, TX, USA	fine or
Mailing Address: Citizenship:	4989 County Road 1096, Celeste, TX, 75423, USA USA	
Signature:	Date:	
	Date.	- 3
		•
Full name of Additional	Foint Inventor, if any: Joseph A. Scivicque	•
Residence Address:	Wylie, TX, USA	
Mailing Address:	9402 Wells Road, Wylie, TX, 75098, USA	
Citizenship:	USA	
a.		
Signature:	Date:	
	·	
Full name of Additional	Joint Inventor, if any: Frederick A. Sherman	
Residence Address:	Mesquite, TX, USA	
Mailing Address:	2429 Bent Brook Drive, Mesquite, TX, 75181, USA	
Citizenship:	USA	
	1/	
Signature: ()	Ush // Sherman Date: 2/2/02	٠ ٠
	The second secon	

Full name of Additional Joint Inventor, if any:

Residence Address:

Murphy, TX, USA

HARRITY SNYDER, LLP

Heath W. Hendrickson

Mailing Address: Citizenship:

456 Parkshire Drive, Murphy, 75094, USA

Date:

USA

Signature:

RECEIVED CENTRAL FAX CENTER JUN 2 3 2008

DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and

patent is se	ought on the inver	es are listed below) of the sation entitled:	object matter which is cla	imed and for which a
•	COMMUNICAT	tion systems and Qs	IG COMMUNICATIO	NS METHODS
	cation of which			
was file	hed hereto ed on November 2 al Application No	7, 2001 as United States A under and was amended on	pplication Number 09/99	5,149 or PCT
I hereby sta including t	ate that I have revi he claims, as ame	iewed and understand the condend by any amendment ref	outents of the above-ident erred to above.	ified specification,
between the		close information which is tion-in-part applications, n prior application and the m plication.		
designated a	at least one countrelow, by checking	y benefits under 35 U.S.C. yentor's certificate, or § 36; yentor's certificate, or § 36; y other than the United Startie box, any foreign applicate box, any foreign applications a filing date before	tes of America, listed below	onal application which w and have also
rior Foreig	n Application(s)		Priority Cl	zimed
number)	(country)	(date filed)	y e s	no
su mber)	(country)	(date filed)	yes	no .

	•	
(Application Number(s))	(Filing Date mre/dd/yy)	
Brian C. Oakes, Reg. N Reg. No. 43,792, my pa	tioners at Customer No. 25537 which include: Steven McCann, Reg. No. 34,958; No. 40,289; Michael B. Chernoff, Reg. No. 42,408; Suresh Koshy, Reg. No. 42,761; Io. 41,467; Stephen A. Zemanick, Reg. 48,724, my attorneys; and Frank A. McKiel, atent agent with full power of substitution and revocation, to prosecute this act all business in the United States Patent and Trademark Office connected	
I also hereby appoint as	my attorney/agent:	
Send correspondence to Customer Number: 255		
Cusminer Mumber, 255	3/	
WORLDCOM, Inc.	-1 . -1	
Technology Law Depart	Direct Telephone Calls To:	
1133 19th ST, NW	(-0-),20-0004	
WASHINGTON, DC	20036	
I nereby declare that all	statements made herein of my knowledge are true and that all statements were	
imprisonment, or both, to validity of the application Full name of Sole or Fire Residence Address: Mailing Address: Citizenship:	ge that willful false statements and the like so made are punishable by fine or under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the or any patent issued thereon. St Inventor: Jarrett E. Archer Celeste, TX, USA 4989 County Road 1096, Celeste, TX, 75423, USA USA	
imprisonment, or both, to validity of the application. Full name of Sole or Fire Residence Address: Mailing Address:	that willful false statements and the like so made are punishable by fine or under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the on or any patent issued thereon. st Inventor: Jamett E. Archer Celeste, TX, USA 4989 County Road 1096, Celeste, TX, 75423, USA	
imprisonment, or both, to validity of the application Full name of Sole or Fire Residence Address: Mailing Address: Citizenship:	that willful false statements and the like so made are punishable by fine or under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the on or any patent issued thereon. st Inventor: Jarrett E. Archer Celeste, TX, USA 4989 County Road 1096, Celeste, TX, 75423, USA USA	
imprisonment, or both, to validity of the application Full name of Sole or Fire Residence Address: Mailing Address: Citizenship:	that willful false statements and the like so made are punishable by fine or under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the on or any patent issued thereon. Inventor: Jarrett E. Archer Celeste, TX, USA 4989 County Road 1096, Celeste, TX, 75423, USA USA Date:	
imprisonment, or both, to validity of the application of the applicati	ge that willful false statements and the like so made are punishable by fine or under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the mor any patent issued thereon. St Inventor: Jarrett E. Archer Celeste, TX, USA 4989 County Road 1096, Celeste, TX, 75423, USA USA Date: Joint Inventor, if any: Joseph A. Scivieque Wylie, TX, USA 9402 Wells Road, Wylie, TX, 75098, USA USA Date: 1/31/2002	
imprisonment, or both, to validity of the application of the applicati	In that willful false statements and the like so made are punishable by fine or under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the mor any patent issued thereon. St Inventor: Jarrett E. Archer Celeste, TX, USA 4989 County Road 1096, Celeste, TX, 75423, USA USA Date: Joint Inventor, if any: Wylie, TX, USA 9402 Wells Road, Wylie, TX, 75098, USA USA Date: Date: Joint Inventor, if any: Frederick A. Shemman Mesquite, TX, USA	
imprisonment, or both, to validity of the application of the applicati	Joint Inventor, if any: Joseph A. Scivicque Wylie, TX, USA 9402 Wells Road, Wylie, TX, 75098, USA Date: Date: Joint Inventor, if any: Date: Joint Inventor, if any: Frederick A. Sherman	•

Full name of Additional Joint Inventor, if any:

Heath W. Hendrickson

Residence Address:

Murphy, TX, USA

Mailing Address:

456 Parkshire Drive, Murphy, 75094, USA

Citizenship:

USA

Signature: Date:

DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

As a below named inventor, I hereby declare that:

the specification of which

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

COMMUNICATION SYSTEMS AND QSIG COMMUNICATIONS METHODS

is aπached he	reto		
was filed on	as United States Application Number or PCT International Application Nu	mber and	wa
amended on			

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national application or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed		
(number)	(country)	(date filed)	ye	s no	
(number)	(country)	(date filed)	уc	s no	

571 432 0808 P.015

HARRITY SNYDER, LLP

JUN-23-2008 11:20

Patent Docket No.: RIC-00-007

Full name of Additional Joint Inventor, if any:

Residence Address:

Mailing Address: Citizenship: USA Heath W. Hendrickson Murphy, TX, USA

456 Parkshire Dr., Murphy, TX 75094, USA

Signature: 2